

Actchem, Inc.

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ACTCHEM[®] 85 TRUEFLOW

PRODUCT DATA SHEET

Actchem[®] Trueflow is a single component, air setting, free flowing castable with exceptional abrasion resistance, cold crushing strength and chemical resistance, which can be easily poured to form thin lining applications. Early high strength is achieved $> 50 \text{ MN/m}^2$.

Actchem[®] Trueflow has a unique binding system which allows a wide range of water addition, giving working times of 40–60 minutes.

Properties

Test temperature (°C)	B.D. (g/cc)	C.C.S. (Kg/cm ²)	P.L.C. (%)
110	2.90	> 1300	-0.10
815	2.90	> 1500	-0.30

Abrasion loss

≤ 5 cc

Water requirement

5 to 7 %

Mixing time

6 to 7 minutes

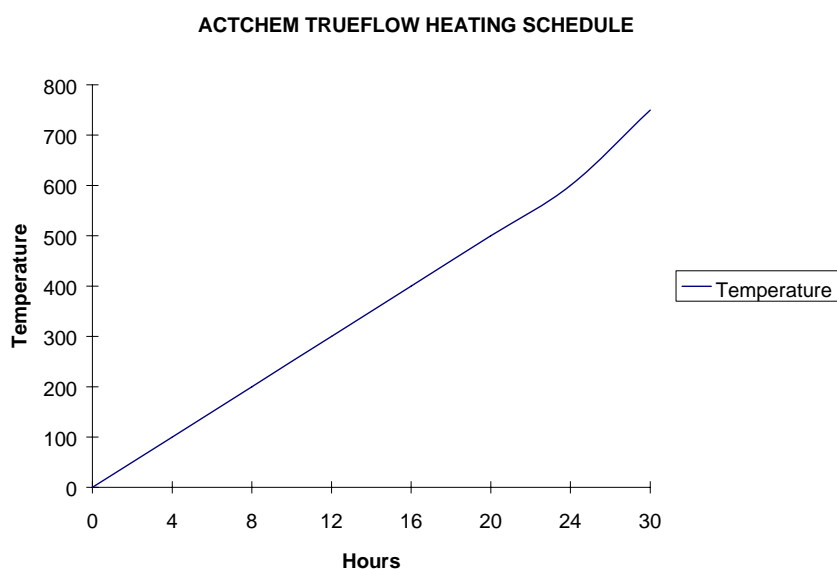
Chemical analysis

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO	Other
86.70	8.00	0.70	2.00	2.00	0.60

ACTCHEM[®]-85 TRUEFLOW

Typical applications

- refineries (F.C.C.U. catalyst transfer lines, riser lines, cyclones)
- steel plants
- incineration (fluidized bed boilers)
- cement
- aluminium.



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